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The pericardium contained a normal amount of fluid which did not show decided staining. The liver was enlarged, mottled with whitish patches on the surface, and consistence normal. The stomach and intestines were normal. The ileum showed no pathological changes. The kidneys were congested and the right ovary indicated a recent menstruation. The retro-peritoneal glands were enlarged and congested and the abdominal cavity contained considerable bloody serum.

Cultures were planted from the different viscera and smears were made from the cut surface of the glands and spleen, which when stained showed the presence of a short bipolar stained bacillus rounded at the ends apparently the same as that found during the epidemic here last year.

The woman has been a resident of Honolulu for two years or more, has not left the city within that time, and the place where she resided is one of the cleanest in the city. It is difficult to trace the source of the infection, and the general opinion is that it is a recrudescence, and not a fresh importation. The residence of the woman at the Parke place and the quarters occupied by her at the Japanese hospital have been thoroughly disinfected, and the body has been cremated at the quarantine station. It is unfortunate that the source of the infection can not be traced, but in this case, as in others, it is mysterious. Slides prepared from the cultures show the same bacillus that we found in the cases last year.

Four rats have been inoculated from these cultures, and the result will be awaited with much interest. Every precaution has been taken, and I do not think there is any occasion for unnecessary alarm.

If no more cases develop, restrictive measures on the commerce and travel from the port will not be necessary.

The city is in a better sanitary condition at the present time than it was during 1899 and 1900. There is a partial system of sewerage, and the detention camps and other means necessary to fight epidemics are ready for use.

The board of health is active and ready to take prompt and efficient action should there be any necessity therefor, and I understand that an effort will be made to exterminate rats and other vermin.

I have some Haffkine prophylactic and Yersin serum on hand, but if there are any further developments I shall telegraph for a fresh supply.

Respectfully,

D. A. CARMICHAEL,
Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

The case of suspected plague decided to be genuine.

HONOLULU, H. I., April 8, 1901.

SIR: I have the honor to inform you that the board of health of Honolulu has this day formally declared the case of Iwami Yei, which was reported by Surg. D. A. Carmichael in his letter of April 2, 1900, to be one of sporadic bubonic plague. The precautions taken by the board of health to prevent further spread of the disease have been most thorough. New developments will be reported as they occur.

Respectfully,

L. E. COFER,
Passed Assistant Surgeon, U. S. M. H. S.,
In Command.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.